Best Management Practices Effectiveness Checklist for Roads

Horse Creek Community Protection Project

USDA Forest Service
Klamath National Forest

North Coast Regional Water Quality Control Board Monitoring and Reporting Program for Waiver of Waste Discharge Requirements Order No. R1-2015-0021, Section IV.A

Road Number:

Location:

Description of Activity:

Name and Title of Monitor: **Date:**

Instructions:

1. This checklist shall be completed by watershed staff after a visual inspection of all roads in the project. Answer yes or no to evaluate if each BMP for roads in the FEIS was effective in protecting water quality. The evaluation may require more in depth assessment of the BMP site, downslope areas, or stream channel.
2. Effectiveness monitoring shall be performed after a particular road project and BMP has gone through at least one winter period in order to evaluate how well the project and BMPs functioned during winter rain events or spring snowmelt.
3. The cause for any BMPs rated as not effective should be noted on the last page of the form. Include photos of sites where BMPs were not effective.
4. Sign, scan, and submit form to the Forest Engineer and Watershed Program Manager by the end of the calendar year. Completed checklists shall be reviewed by the Forest Engineer to ensure that any deviations from the project BMPs are corrected.

BMP Effectiveness Checklist: Horse Creek Community Protection Project

BMPs	Description of BMP from the FEIS	BMPs Effective? Yes or No
Road-3. Road Construction and Reconstruction	Avoid or minimize adverse effects to soil, water quality, and riparian resources from erosion, sediment, and other pollutant delivery during road construction or reconstruction.	
Road-4. Road Operations and Maintenance	Avoid, minimize, or mitigate adverse effects to soil, water quality, and riparian resources by controlling road use and operations and providing adequate and appropriate maintenance to minimize sediment production and other pollutants during the useful life of the road.	
Road-5. Temporary Roads	Avoid, minimize, or mitigate adverse effects to soil, water quality, and riparian resources from the construction and use of temporary roads.	
Road-6. Road Storage and Decommissioning	Avoid, minimize, or mitigate adverse effects to soil, water quality, and riparian resources by storing closed roads not needed for at least 1 year (Intermittent Stored Service) and decommissioning unneeded roads in a hydrologically stable manner to eliminate hydrologic connectivity, restore natural flow patterns, and minimize soil erosion.	
Road-7. Stream Crossings	Avoid, minimize, or mitigate adverse effects to soil, water quality, and riparian resources when constructing, reconstructing, or maintaining temporary and permanent water-body crossings.	
Road-9. Parking and Staging Areas	Avoid, minimize, or mitigate adverse effects to soil, water quality, and riparian resources when constructing and maintaining parking and staging areas.	
Road-10. Equipment Refueling and Servicing	Avoid or minimize adverse effects to soil, water quality, and riparian resources from fuels, lubricants, cleaners, and other harmful materials discharging into nearby surface waters or infiltrating through soils to contaminate groundwater resources during equipment refueling and servicing activities	

Notes: